

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22	(("3052094") or ("3090094") or ("3111396") or ("3171820") or ("3362818") or ("3408180") or ("3470117") or ("3616841") or ("3946039") or ("4096450") or ("4507789") or ("4808558") or ("4267526") or ("5310592") or ("5322725") or ("5949805") or ("6037032") or ("6154478") or ("6307871") or ("6034978") or ("6351478") or ("6570895")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/24 16:53
S1	2	(("6000438") or ("5305821")).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/22 15:29
S2	4	(("6000438") or ("5305821") or ("20030121637") or ("20030019757")).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/22 15:29
S3	0	("((phasenear3change)withfoam)and(coilor(chemicalnear3laser)))".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:05
S4	43	((phase near3 change) with foam) and (coil or (chemical near3 laser))	US-PGPUB; USPAT	OR	OFF	2006/05/23 11:12
S5	1928	"372"/\$.ccls. and (coil or (chemical near3 laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:13
S6	548	"372"/\$.ccls. and ((chemical near3 laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:13
S7	4	S6 and phase near3 change near3 heat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:32
S8	282	372/89.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:33
S9	2327	S8 and heat exchang\$4 with foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:33

## EAST Search History

S10	1	S8 and heat near3 exchang\$4 with foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:34
S11	1	S8 and heat near3 exchang\$4 same foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:35
S12	3	S8 and foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:34
S13	1	S8 and phase near3 heat near3 exchang\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 11:35
S14	1201	heat near3 exchang\$3 and "372"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 12:35
S15	950	heat near3 exchanger and "372"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 12:35
S16	33	heat near3 exchanger and "372"/89. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 12:54
S17	296282	phase near3 change\$1near3 heat near3 exchanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 12:55
S18	283	phase near3 change\$1 near3 heat near3 exchanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 12:55
S19	2	((phase near3 change\$1 near3 heat near3 exchanger) same (foam near3 structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 12:56

## EAST Search History

S20	4	((phase near3 change\$1 near3 heat near3 exchanger) and (foam near3 structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 12:58
S21	6	(phase near3 change\$1 near3 heat near3 exchanger) and "372"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 13:52
S22	119	(phase near3 change\$1 near3 (material or medium)) and (heat near3 exchanger) and foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 13:53
S23	354	428/305.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:27
S24	188	S23 and foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:31
S25	7	S23 and foam and phase near3 chang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:28
S26	166	S23 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:33
S27	282	372/89.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:41
S28	8	S27 and phase near3 chang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:34
S29	4	(phase near3 chang\$3 and heat and foam and conduit\$1).clm.	US-PGPUB	OR	OFF	2006/05/24 14:45

## EAST Search History

S30	1095	delgado.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:46
S31	0	S30 and foam and pahse near3 chang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:45
S32	5	S30 and foam and phase near3 chang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:46
S33	1354	ullman.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:47
S34	3	S33 and foam and phase near3 chang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:47
S35	42603	leonard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:47
S36	19	S35 and foam and phase near3 chang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/24 16:49